

Docket 10.: 392.1725/JDH

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Respectfully submitted,

STAAS & HALSEY LLP

a. 900

James D. Halsey, Jr. Registration No. 22729

700 Eleventh Street, NW, Suite 500 Washington, D.C. 20001 (202) 434-1500



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

- 10. The pressing device according to claim 1 [or 4], wherein a linear motor is used in place of said servomotor, and said linear motor also serves as said linear movement mechanism.
- 11. The pressing device according to [any one of claims 1, 4 and 7] <u>claim 4</u>, wherein a desired pressing force is obtained by controlling the current of said servomotor.
- 12. The pressing device according to [any one of claims 3, 6 and 9] <u>claim 1</u>, wherein said working tool mounting section is provided at a position on the fixed side of the movement mechanism of said pressing device.
- 13. The pressing device according to [any one of claims 3, 6 and 9] <u>claim 1</u>, wherein said working tool mounting section is provided at a position on the moving side of the movement mechanism of said pressing device.
- 14. The pressing device according to [any one of claims 1, 4 and 7] <u>claim 1</u>, further comprising an observer for estimating a pressing force of said roller and means for carrying out force feedback control based on a commanded pressing force and an estimated pressing force estimated by said observer.
- 15. The pressing device according to [any one of claims 1, 4 and 7] <u>claim 1</u>, wherein said working is laser beam machining.
- 16. A working robot in which said pressing device described in [any one of claims 1, 4 and 7] <u>claim 1,</u> is installed at the distal end of a robot arm.
- 18. The working robot according to claim [16 or claim 17] 1, wherein a robot teaching pendant is provided with means capable of inputting at least any one of the position, speed, and pressing force of said roller support frame of the pressing device and the distance between said working tool mounted on said working tool mounting section and said plate portion.



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19. The working robot according to claim [16 or claim 17] 1, wherein at least any one of the position, speed, and pressing force of said roller support frame of the pressing device and the distance between said working tool mounted on said working tool mounting section and said plate portion is commanded by a robot program command.